

US EPA ARCHIVE DOCUMENT

# Measuring the Impact of PM Reductions by EH Indicators

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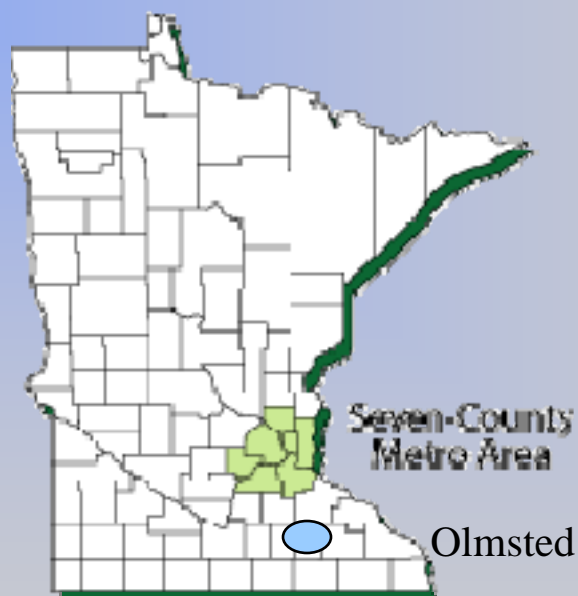
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# MDH EH Indicators Project

- ★ Study Area: Minneapolis/St. Paul Metro (seven counties), Olmsted



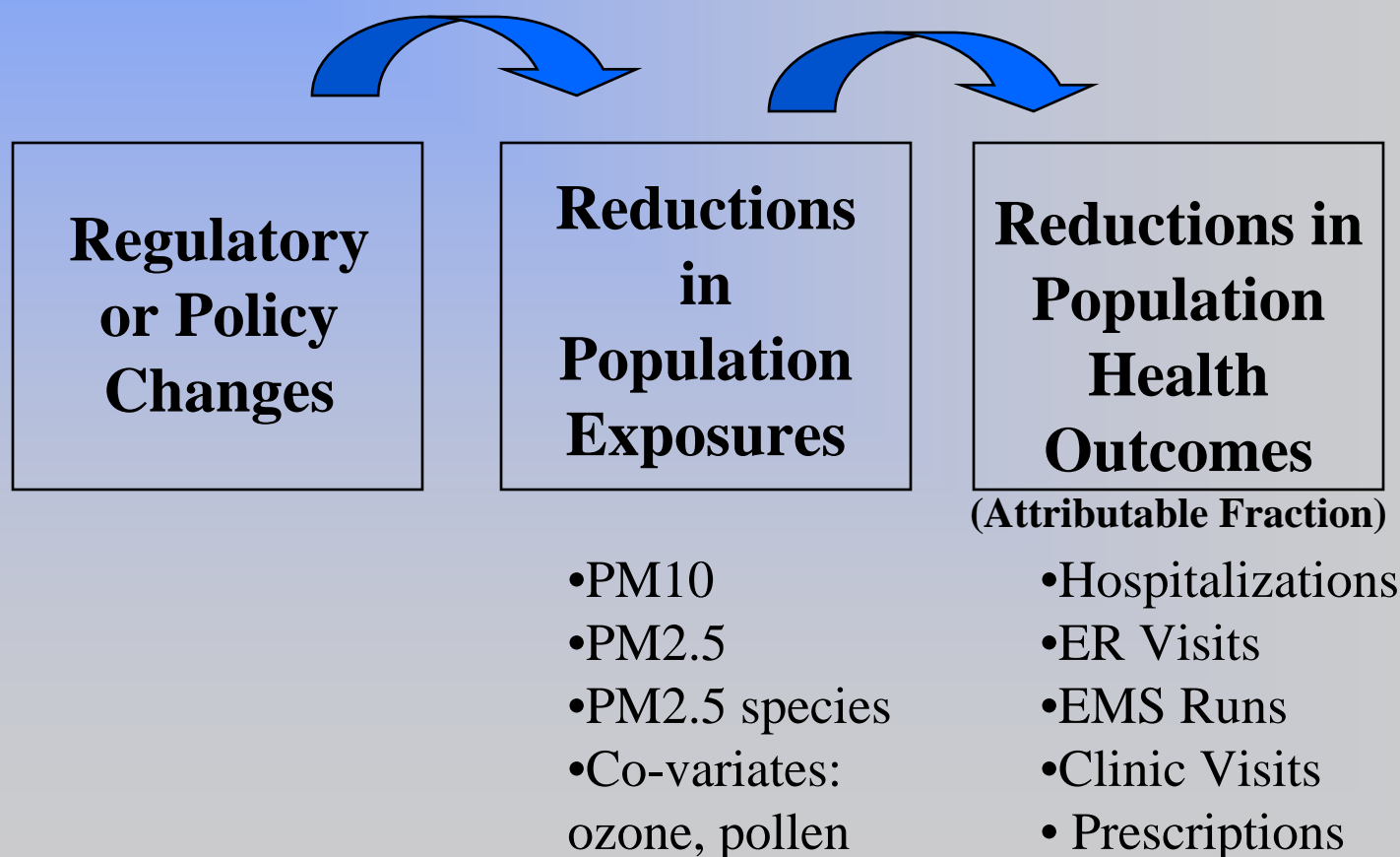
- ★ Timeframe
  - Funding 2007-2010 (US EPA)
  - Data analysis 2000-2009

# PM Reduction Initiatives In Minnesota

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- ★ Minnesota Emissions Reduction Project (MERP)
  - Coal to gas conversion of 2 power plants in MSP
  - Technology upgrades in MSP and Rochester
  
- ★ Project Green Fleet
  - Retrofitting buses in MSP
  - And in Rochester
  
- ★ National Initiatives
  - Diesel Fuels
  - Heavy Duty Diesel Regulations
  - Clean Air Interstate Rule (CAIR)

# Measuring Impacts & Accountability



# Who's Involved

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- ★ MDH
- ★ Olmstead County Medical Center
- ★ MPCA
- ★ UMN (School of Public Health)
- ★ Clean Air Minnesota
- ★ US EPA

## Expected Results

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- ★ Quantifiable outputs to demonstrate the impact of local and national PM reduction projects
- ★ Development of EH outcome indicators that can be tracked over time
- ★ Informed environmental policy decision-making; accountability for public health interventions